

2124  
JPW

PTO/SB/21 (04-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/075,643	
	Filing Date	February 13, 2002	
	First Named Inventor	Young-Beom JANG	
	Art Unit	2124	
	Examiner Name	Chat C. Do	
Total Number of Pages in This Submission	18	Attorney Docket Number	8045-36 (PX1344-US/SSD)

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Eric M. Parham, Reg. No. 45,747, F.Chau & Associates, LLC
Signature	<i>E. Parham</i>
Date	April 20, 2005

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Susan A. Guarascio
Signature	<i>Susan A. Guarascio</i>
Date	4-20-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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In re application of: Young-Beom JANG

Serial No.: 10/075,643

Group: Art Unit 2124

Filed: February 13, 2002

Examiner: Chat C. Do

For: **LOWER POWER CSD LINEAR PHASE FIR FILTER ARCHITECTURE USING  
RTUAL COMMON SUBEXPRESSION AND FILTER DESIGN METHOD THEREFOR**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

**AMENDMENT TRANSMITTAL FORM**

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. § 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. § 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
TOTAL	21	MINUS 22	= 0	X 25	\$ 0
INDEP.	10	MINUS 10	= 0	X 100	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			X	180	\$ 360
TOTAL					OR TOTAL \$ 0
ADDIT. FEE					\$ 0

\* If the entry in Co. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".


\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge Deposit Account No. \_\_\_\_ in the amount of \$ \_\_\_\_ . Two (2) copies of this sheet are enclosed.
- ☐ Please charge fee of \$ \_\_\_\_ for \_\_\_\_ by Credit Card Payment Form PTO-2038 enclosed herewith
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. **50-0679**. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. **50-0679** therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

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Respectfully submitted,

  
Eric M. Parham  
Reg. No. 45,747  
Attorney for Applicant

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on **April 20, 2005**.

Dated: 4-20-05

  
Susan A. Guarascio



PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: JANG, Young-Beom      Examiner: DO, Chat C.  
Serial No.: 10/075,643      Art Unit: 2124  
Filed: Feb. 13, 2002      Docket: 8045-36 (PX1344-US/SSD)  
On: LOW POWER CSD LINEAR PHASE FIR FILTER  
ARCHITECTURE USING VIRTUAL COMMON SUBEXPRESSION  
AND FILTER DESIGN METHOD THEREFOR

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

This paper is responsive to the Office Action mailed on January 25, 2005.

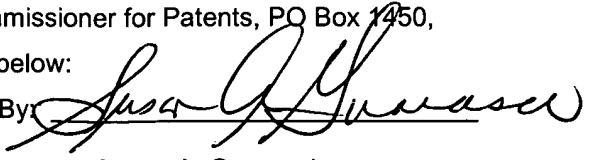
The Examiner is requested to enter and consider the following amendments and remarks.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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By:   
Susan A. Guarascio